

FIG. 1

10

11

101

102-0

103-0

102-7

103-3

SEQUENCE NUMBER PREPEND

KEEP ALIVE INSERT

PATH SELECTION

120

OC192c

PACKET RATE (10 Gb/s)

104

PACKET FORWARDING ENGINE #0

EXCEPTION PROCESSING

FAST PATHS

123-0

112

111

113

122-0

122-1

122-2

122-3

16

32

14

PACKET DATA RAM

109

NOW SERVING

105-0

105-1

106-0

107-0

126-0

126-1

126-2

126-3

127-0

127-1

127-2

127-3

121

OC192c

PACKET RATE (10 Gb/s)

12

108

109

PACKET ORDERING

KEEP ALIVE REMOVAL

SIQ0

SIQ1

LIQ0

EIQ0

SIQ2

SIQ3

LIQ1

EIQ1

SIQ4

SIQ5

LIQ2

EIQ2

SIQ6

SIQ7

LIQ3

EIQ3

OC192c
PACKET
RATE
(10 Gb/s)

20

